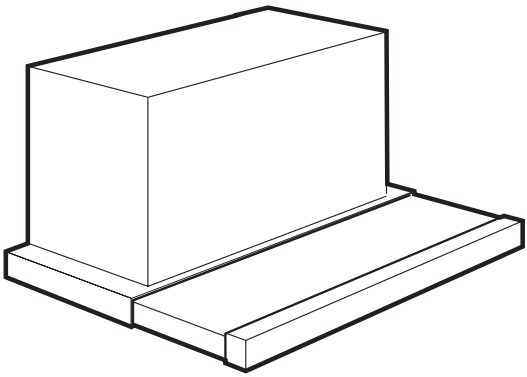
# DF 6160

Cooker Hood

Operating and Installation Instructions



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# ⚠ Safety warnings

## For the user

- **The cooker hood is designed to extract unpleasant odours from the kitchen, it will not extract steam.**
- Always cover lighted elements, to prevent excess heat from damaging the appliance. In the case of oil, gas and coal fired cookers it is essential to avoid open flames.
- Also, when frying, keep the deep frying pan on the cooker top/ cooker under careful control.
- The hot oil in the frying pan might ignite due to overheating.
- The risk of self-ignition increases when the oil being used is dirty.
- It is extremely important to note that overheating can cause a fire.
- **Never carry out any flambé cooking under the hood.**
- **Always disconnect the unit from the power supply before carrying out any work on the hood, including replacing the light bulb**.
- **It is very important to clean the hood and to perform maintenance and care of filters at the recommended intervals. Failure to do so could cause grease deposits to build up, resulting in a fire hazard.**
- The appliance is not intended for use by young children or infirm persons without supervision.
- Young children should be supervised to ensure that they do not play with the appliance.
- **WARNING -** Ensure that the appliance is switched off before replacing the lamp to avoid the possibility of electric shock.

This appliance is marked according to the European directive 2002/96/EC on Waste Electrical and Electronic Equipment (WEEE).
By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product.

The symbol on the product, or on the documents accompanying the product, indicates that this appliance may not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. Disposal must be carried out in accordance with local environmental regulations for waste disposal.
For more detailed information about treatment, recovery and recycling of this product, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

## For the installer

- When used as an extractor unit, the hood must be fitted with a 120mm diameter duct.
- **When installing the hood, make sure you respect the following minimum distance from the top edge of the cooking hob/ring surfaces:**
  **electric cookers 430 mm**
  **gas cookers 650 mm**
  The hood can be installed above these heights but for optimum performance it should be installed at the distance quoted for the appropriate heat source.
- The national Standard on fuel-burning systems specifies a maximum depression of 0.04 mbar in such rooms.
- The air outlet must not be connected to chimney flues or combustion gas ducts. The air outlet must under no circumstances be connected to ventilation ducts for rooms in which fuel-burning appliances are installed.
- The air outlet installation must comply with the regulations laid down by the relevant authorities.
- When the unit is used in its extractor version, a sufficiently large ventilation hole must be provided, with dimensions that are approximately the same as the outlet hole.
- National and regional building regulations impose a number of restrictions on using hoods and fuel-burning appliances connected to a chimney, such as coal or oil room-heaters and gas fires, in the same room.
- Hoods can only be used safely with appliances connected to a chimney if the room and/or flat (air/environment combination) is ventilated from outside using a suitable ventilation hole approximately 500-600 $cm^2$ large to avoid the possibility of a depression being created during operation of the hood.
- If you have any doubts, contact the relevant controlling authority or building inspector's office.
- Since the rule for rooms with fuel burning appliances is "outlet hole of the same size as the ventilation hole", a hole of 500-600 $cm^2$, which is to say a larger hole, could reduce the performance of the extractor hood.
- If the hood is used in its filtering function, it will operate simply and safely in the above conditions without the need for any of the aforementioned measures.
- When the hood is used in its extractor function, the following rules must be followed to obtain optimal operation:

- short and straight outlet ducting
- keep bends in outlet ducting to a minimum
- never install the ducts with an acute angle, they must always follow a gentle curve.
- keep the duct as large as possible (preferably the same diameter as the outlet hole).

• Failure to observe these basic instructions will drastically reduce the performance and increase the noise levels of the extractor hood.

# Description of the Appliance

- **The cooker hood is designed to extract unpleasant odours from the kitchen, it will not extract steam.**
- The hood is supplied as an extractor unit and can also be used with a recirculation version by fitting a charcoal filter.

## Extraction version

- In this version fumes are extracted to the outside via a duct.
- In order to obtain the best performance the ducting should have a diameter equal to the outlet hole.

## Recirculation Version

- The air is filtered through charcoal filters and returned to the kitchen.
- You will need original charcoal filters for the recirculation function. (Available from your local Service Centre).

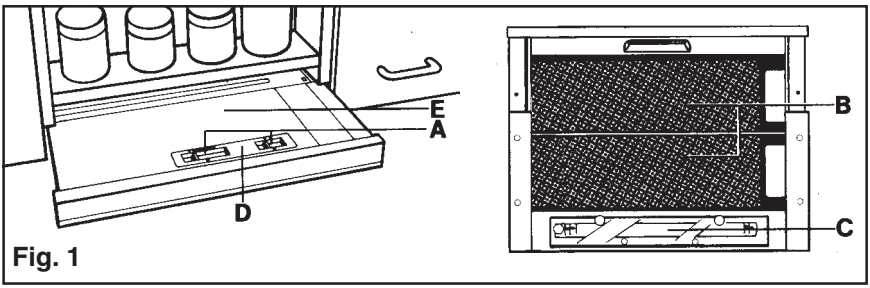

**Fig. 1**

**A** = ON/OFF switches (Motor, light)
**B** = Grease filter
**C** = Light
**D** = Control panel
**E** = Visor (Removable)

# Control Panel

- The switches are mounted on the upper right side of the visor **(Fig. 1 - E)**.
  The numbers and symbols have the following meanings (from left to right):

**1** = fan set 1
**2** = fan set 2
**3** = fan set 3
**4** = fan set 4
= Light
= Light OFF
= Light ON

The fan is controlled by moving the sliding switch.
The extractor part (visor) of the hood is used to **switch the fan on and off** when the appliance is switched on (Motor).

When the visor of the appliance is withdrawn, the fan automatically switches on.

If the visor is pushed in without operating the switches, the fan is switched off.

The lighting can be separately switched on and off with the slide switch.

Turn the hood on a few minutes before you start cooking then you will get an underpressure in the kitchen. It should be left on after cooking for about 15 minutes or until all odours have disappeared.

# Maintenance and Care

- **The hood must always be disconnected from the electricity supply before beginning any maintenance work.**

## Cleaning the hood

- Clean the outside of the hood using a damp cloth and a mild detergent.
- Never use corrosive, abrasive or flammable cleaning products.
- Never insert pointed objects in the motor's protective grid.
- Wash the outside surfaces using a delicate detergent solution. Never use caustic detergents or abrasive brushes or powders.
- Only ever clean the control panel and filter grille using a damp cloth and delicate detergents.
- It is very important to clean the hood and to perform maintenance and care of filters at the recommended intervals. Failure to do so could cause grease deposits to build up, resulting in a fire hazard.
- Clean the inner housing using a hot detergent solution only (never use caustic detergents, abrasive powders or brushes).

## Metal grease filter

- The purpose of the grease filters is to absorb grease particles which form during cooking and it **must** always be used, either in the external extraction or internal re-circulation function. Attention: the metal grease filters must be removed and washed, either by hand or in the dishwasher, every four weeks.

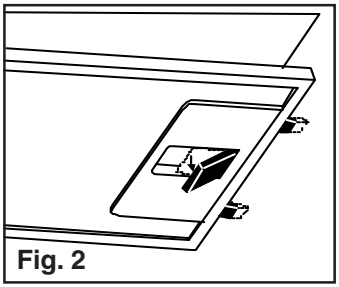
**Fig. 2**

**Removing the metal grease filter**

- Pull out the visor, remove the rear grease filter pulling the handle designed for this purpose, then proceed in the same way to remove the front grease filter. **Fig. 2**.

**Hand washing**

Soak grease filters for about one hour in hot water with a grease-loosening cleaner, then rinse off thoroughly with hot water. Repeat the process if necessary. Refit the grease filters when they are dry.

**Dishwasher**

Place grease filters in the dishwasher. Select most powerful washing programme and highest temperature, at least 65°C. Repeat the process. Refit the grease filters when they are dry.
When washing the metal grease filter in the dishwasher a slight discolouration of the filter can occur, this does not have any impact on its performance.

- Clean the inner housing using a hand hot solution only(never use caustic detergents, abrasive powders or brushes).

## Charcoal filter

- The charcoal filter should only be used if you want to use the hood in the recirculation function.
- To do this you will need an original charcoal filter (available from your local Service Centre).
- **Replacing the charcoal filter Type 150**
  This filter cannot be cleaned or reused.
  As a general rule, the activated charcoal filter should be changed once every 4 months.
- **Cleaning/replacing the charcoal filter Type 150 LONG LIFE**
  Unlike other charcoal filters, the LONGLIFE charcoal filter can be cleaned and reactivated. With normal use the filter should be cleaned every second month (when using the hood 2,5 hours per day,on avarage). The best way to clean the filter is in the dishwasher. Use normal detergent and choose the highest temperature (65º C). Wash the filter separately so that no food parts gets stuck on the filter and later causes bad odours. To reactivate the charcoal, the filter should be dried in an oven for 10 minutes with a maximum temperature of 100º C.
  After approximately three years of use, the charcoal filter should be replaced with a new, as the odour reduction capacity will be reduced.
- **Fitting**
  **1.** Pull out the visor (**Fig. 1 - E**).
  **2.** Remove first the rear then the front grease filters.
  **3.** Insert the charcoal filter into the lugs of the frame above using the 2 red clips to retain it, press the red clips inwards, and insert the charcoal filter in the frame. **Fig. 3**.
- **Removing**:
  **1.** Press both red lugs upwards (towards the inside of the housing) and remove the charcoal filter downwards.
  **2.** Clean the internal housing only with warm washing-up liquid' suds (never use any abrasive cleaners, brushes, or scouring agents).
- Always specify the hood model code number and serial number when ordering replacement filters. This information is shown on the registration plate located on the inside of the unit.
- The charcoal filter can be ordered from your local Service Centre.

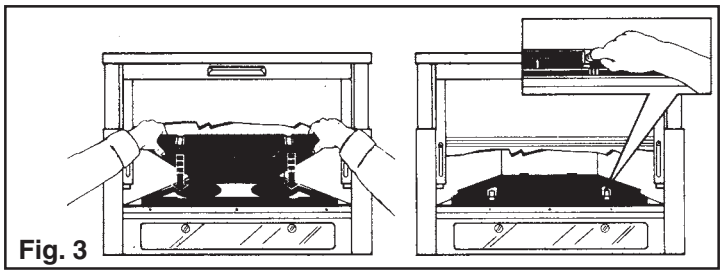

**Fig. 3**

## ⚠ Warning

- Failure to observe the instructions on cleaning the unit and changing the filters will cause a fire hazard. You are therefore strongly recommended to follow these instructions.
- The manufacturer declines all responsibility for any damage to the motor or any fire damage linked to inappropriate maintenance or failure to observe the above safety recommendations.

## Changing the light bulb

- Disconnect the cooker hood from the main supply.
- Unlock the lighting cover (D) by twisting the bolts to the left and fold down the bulb cover. **Fig. 4**.
  Replace the old light bulb(s) with a new light bulb of the same kind.
- Close the bulb cover and relock it by twisting the bolts to the right.
- If the light does not come on, make sure the bulb has been inserted correctly before contacting your local Service Centre.

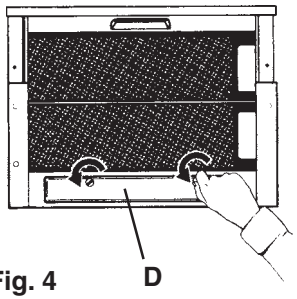


**Fig. 4**

# Special accessories

| | | |
|---|---|---|
| Charcoal filter Type 150 LONG LIFE | | |
| Charcoal filter Type 150 | | |
| Front panel M BF6060-m | | 942 121 996 |
| Front panel AL BF6060-al | | 942 121 997 |
| Finishing strip* | ET-NR.: | 502 426 420 02 |
| Clips for finishing strip (3x)* | ET-NR.: | 502 302 940 06 |

# Something Not Working

If your appliance fails to work properly please carry out the following checks.

| Symptom | Solution |
|---|---|
| The cooker hood will not start... | Check that: The hood is connected to the electricity supply.<br>Check that a fan speed has been selected |
| The cooker hood is not working | Check that: The fan speed is set high enough for the task.<br>The grease filters are clean.<br>The kitchen is adequately vented to allow the entry of fresh air.<br>If set up for recirculation, check that the charcoal filter is still effective.<br>If set up for extraction, check that the ducting and outlets are not blocked. |
| The cooker hood has switched off during operation... | The safety cut-out device has been tripped.<br>Turn off the hob and then wait for the device to reset.<br>If the hood has been installed below the heights indicated in the installation instructions the motor will cut-out frequently which will damage the hood. |

If after all these checks, the problem persists, contact your local Service Centre, quoting the model and serial number.
Please note that it will be necessary to provide proof of purchase for any in-guarantee service calls.
In-guarantee customers should ensure that the above checks have been made as the engineer will make a charge if the fault is not a mechanical or electrical breakdown.

# Technical Specifications

| | |
|---|---|
| **Dimensions (in cm):** | |
| Height | 38,7 |
| Width | 59,9 |
| Depth | 27,5 (+ front panel) |
| **Maximum absorbed power (W):** | **200** |
| Motor (W): | 110 |
| Lighting (W): | 2x40 |
| **Length of the cable (cm):** | **150** |
| **Electrical connection (V):** | **220-240** |

## Mounting accessories included

1 allen spanner (for TORX screws)
1 deflector
1 flange
1 reduction flange
2 screws 2,9 x 22 mm (to install the deflector)
4 screws 4,5 x 16 mm (to install the hood in the wall unit)
2 screws 3,5 x 9,5 (to install the charcoal filter frame)
1 screw 2,9 x13 (To fix the flange in place)
1 charcoal filter frame

# Electrical connection

**Safety warnings for the electrician**
Before connecting the appliance to the power supply, check that the voltage indicated on the rating plate corresponds to the mains power supply available. Appliances fitted with a plug can be connected to any standard power socket within easy access.
Should it be necessary to provide a fixed connection, the hood must only be installed by an electrician authorised by the local electricity board. When installing, an omnipolar disconnector with a distance of at least 3 mm between contacts must be provided.
Fixed connection of the appliance must only be carried out by an authorised electrician.

# Installation

**Preparing the wall unit - Extractor version**

- The hood is supplied as an extractor unit.
  Before installing the hood, drill a hole in the roof of the wall unit (see Fig. 5). This hole is to allow passage of the outlet pipe and the power cable, and to facilitate servicing.
- The wall unit must have a minimum body depth (without door) of 300 mm with recessed light screen and min. 370 mm with flush-mounted light screen. The unobstructed internal height must be at least 370 mm.

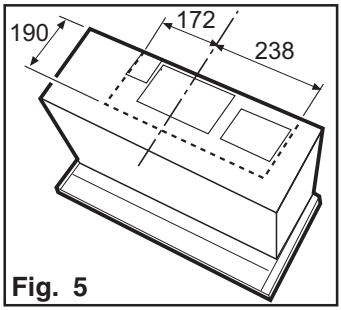

Fig. 5

**Preparing the wall unit - Filter version**

- Before installation of the hood in the wall unit, a 115x115 mm hole for the deflector should be cut in the ceiling of the wall unit. **Fig. 6-7**.
- Depending on the wall unit height, you need for return air operation a pipe union or additionally a non-flammable length of pipe (Ø 100/ 115/120 mm) as far as the ceiling of the wall unit.

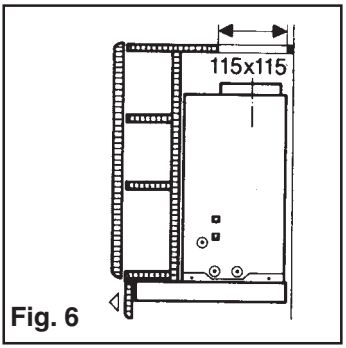

Fig. 6

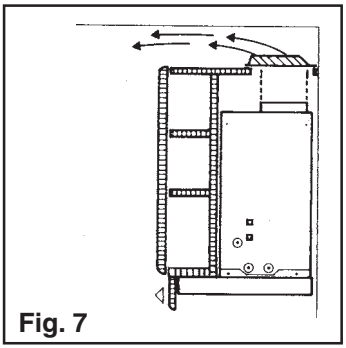
Fig. 7

**Outlet hole - Only for model (extractor-filter version)**

- When used as an extractor unit, the hood must be fitted with a 120mm diameter hose.
- The dimensions and position of the air outlet are given in figure 9.
- Fix the flange supplied as kit onto the exit hole (bayonet fixture).
- Using the adapter, Ø100, Ø110 and Ø125 mm exhausting pipes can be used.

  **Ø 125 mm exhausting hose:** insert the adapter on the flange and remove, using a proper tool, the upper unused Ø 100 and Ø 110 mm rings of the adapter.

  **Ø 110 mm exhausting pipe:** same procedure, but removing the Ø 100 mm ring only.

  **Ø 100 mm exhausting pipe:** apply the adapter on the flange.

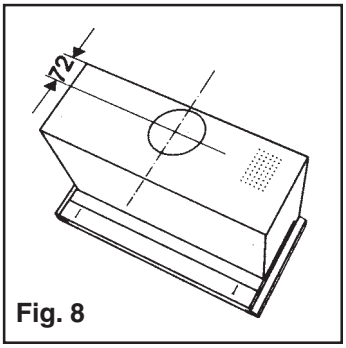


**Fig. 8**

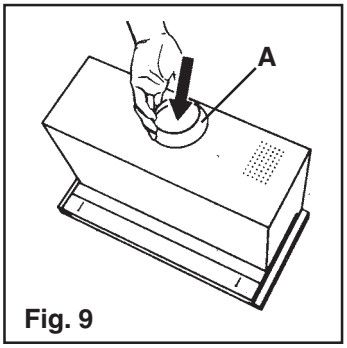


**Fig. 9**

**Spice rack**

- If a spice rack is to be incorporated in front of the hood, a minimum distance of 5 mm must be provided between the front edge of the fume extractor hood and the spice rack wall (this air gap being necessary for air circulation).
- The upper part of the spice rack rear wall should be detachable (access for exhaust air hose or adjustment of furniture housing).

**Installing the extractor hood in the wall unit - extraction version (Recirculation version with charcoal filter)**

- Fix the drilling template to the inside wall of the wall unit on the right and left sides, and mark out and predrill Ø 2 mm mounting holes as well as 2 x Ø 6 mm - 5 mm depth holes for the mounting claws **(installation aids).**
- Fully withdraw the visor of the hood.
- **Important:** Detach and insert the grease filters only when the visor is fully withdrawn.
  Remove the grease filters. First remove the rear and then the front grease filter.
- For 19 mm side walls, the spacer discs clipped in on the appliance body must be taken out. Mount the hood with 4 screws. **Fig. 11**.
- Insert the hood in the furniture housing and engage both mounting claws **(installation aids)** on the right and left sides in the side wall of the wall unit and firmly hold the hood for further mounting.
  Then fix the hood with the 4 screws supplied.
- Refit the grease filters. Push-in the visor.

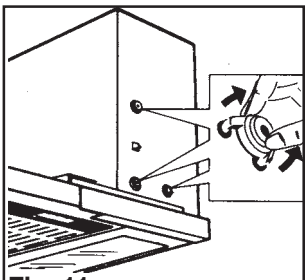

**Fig. 11**

- If the cupboard is deeper than 300 mm, cover the gap between the hood and the wall with a finishing strip (special accessory).
  To install it, proceed as follows:
  Measure the wall distance and apply the covenng strip over the necessary width (wall distance plus 5 to 8 mm), kinking the covering strip at the appropriate notches and tearing off the surplus material (removing the protective foil).
  Then fasten the strip to the bottom part of the hood with three clips (special accessories). Apply pressure. **Fig. 12**.

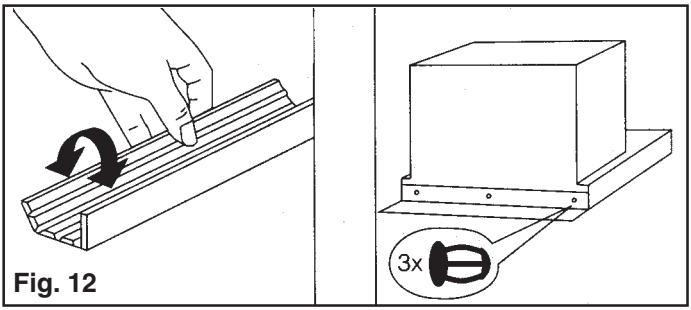


**Fig. 12**

**Fitting the charcoal filter for recirculation version**

If the extractor hood is installed as a return air appliance (Recirculation version - air outlet above the wall unit), the charcoal filter (available from
your local Service Force Centre) must be fitted before the grease filters are fitted.

**Installation sequence:**

1. Insert the holding frame for the charcoal filter in the shaft of the hood with the 2 lugs facing upwards and then clip into the lower holes.
2. Fix the holding frame on the lower part of the housing of the hood with the 2 screws supplied. **Fig. 13**.
3. Fit the charcoal filter (see paragraph “Charcoal filter”)
4. Refit the grease filters. Push-in the visor.

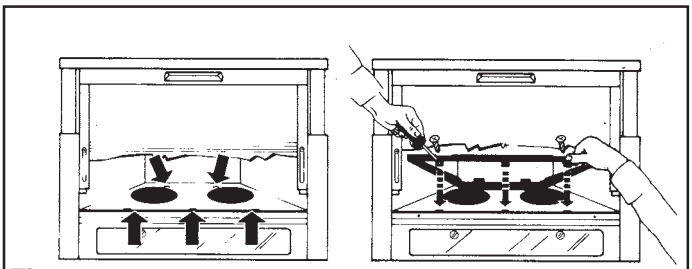

**Fig. 13**

**Removing the hood from the wall unit**
If, for technical reasons (extraction version/recirculation version conversion) the extractor hood has to be removed from the wall unit, proceed as follows:

- Fully withdraw the visor and remove the grease filter.
- Loosen the 4 mounting screws of the hood (wall unit mounting).
- To loosen both mounting claws (installation aids), place a max 3 mm dia. Phillips screw-driver in the spring opening and simultaneously press the springs inwards (towards the appliance housing). **Fig. 14**.

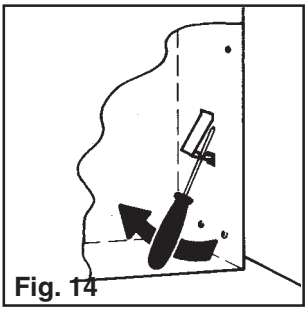
Fig. 14

**Important: Hold the hood firmly!**

**Adjusting the extractor part (E - Fig. 1) - Fig. 15**
On wall units with a body depth of 275 mm to 335 mm, the visor depth can be adjusted as follows:

- Remove both grease filters.
- Loosen the screws on both end-stop brackets and set the visor depth (min. 275 mm, max. 335 mm).
- Refit the screws.
- Refit the grease filters.

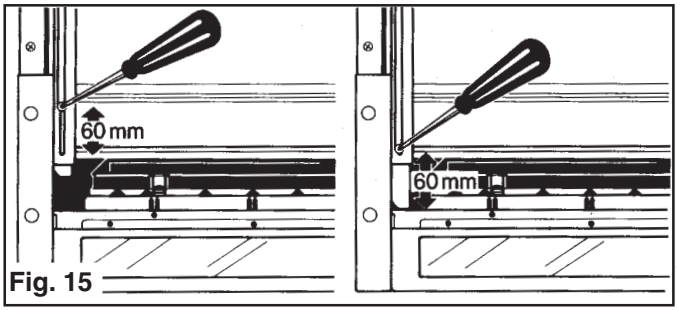

Fig. 15

**Installing the front panel (see also “Special accessories”)**

- Remove first the rear then the front grease filters.
- Remove the internal cover pressing both unlocking devices (press and pull). **Fig. 16**.

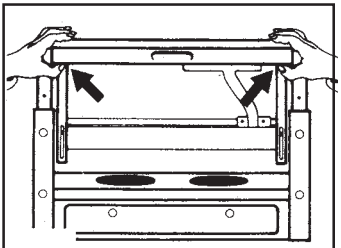

**Fig. 16**

- Predrill the front panel as per template and fix it to the visor with 3 screws. **Fig. 17-18**.

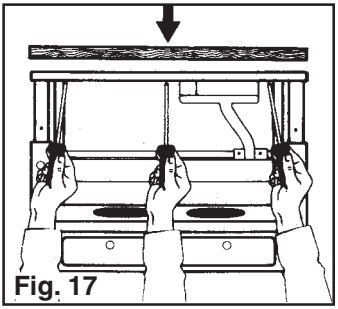

**Fig. 17**

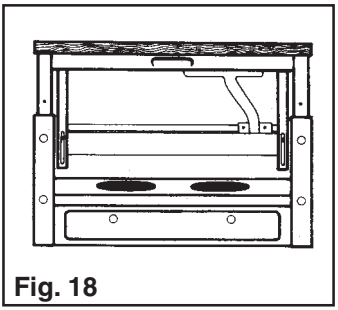

**Fig. 18**

- Clip the Internal cover back in and insert both grease filters (first the front one and then the rear one).

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